

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tarokh *et al.*

Serial No. TBA

Filed herewith

For: **EFFICIENT OFDM COMMUNICATIONS WITH
INTERFERENCE IMMUNITY**

Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING

I HEREBY CERTIFY THAT THIS DOCUMENT IS BEING
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APPLICATION, WASHINGTON, D.C. 20231, ON
10/15/01 (Date of Deposit)

Jennifer Rush

Name of Depositor

Jennifer Rush

Signature

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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant
requests consideration of this Information Disclosure Statement.

The Applicant hereby makes of record in the above-identified application the information
listed on the attached form PTO 1449 (modified). The order of presentation of the references
should not be construed as an indication of the importance of the references.

It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other
information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO 1449 be signed by the Examiner to evidence that the cited
information has been fully considered by the Patent and Trademark Office during the
examination of this application;
3. The citations for the information be printed on any patent which issues from this
application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusions regarding the relevance of the cited information.

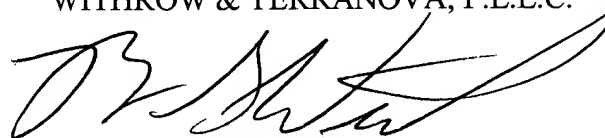
The Director is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 50-1732.

An early and favorable action is hereby requested.

Respectfully submitted,

WITHROW & TERRANOVA, P.L.L.C.

By:



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Date: October 15, 2001
Docket No. 7000-103

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7000-103		SERIAL NO. TBA	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Tarokh et al.		FILING DATE 10/15/2001	
					GROUP TBA			

10/15/01
 09/977540
 U.S. PTO

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	A	5,506,836	04/1996	Ikeda et al.	370	19	
	B	5,867,478	02/1999	Baum et al.	370	203	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)		
C	Alamouti, S.M., "A simple transmit diversity technique for wireless communications," IEEE Journal on Selected Areas of Communications, Vol. 16, No. 8, pp. 1451-1458, October 1998.	
D	Naguib, A.F., Seshadri N., and Calderbank, A.R., "Applications of space-time block codes and interference suppression for high capacity and high data rate wireless systems," Thirty-Second Asilomar Conference on Signals, Systems & Computers, Volume 2, pp. 1803-1810, 1998.	
E	van Nee, Richard, and Prasad, Ramjee, "OFDM For Wireless Multimedia Communications," pp. 33-51, Artech House Publishers, 2000, ISBN 0-89006-530-6.	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DKT NO. 7000-103		SERIAL NO. TBA		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Tarokh et al.				
				FILING DATE September 26, 2001		GROUP TBA		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)								
	F	Tarokh, V., Jafarkhani, H., and Calderbank, A.R., "Space-time block codes from orthogonal designs," IEEE Trans. Inform. Theory, Vol. 45, No. 5, pp. 1456-1467, July 1999.						
	G	Tarokh, V., Seshadri, N., and Calderbank, A.R., "Space-time codes for high data rate wireless communication: performance analysis and code construction," IEEE Trans. Inform. Theory, pp. 744-765, March 1998.						
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								